



AUG 19 2002

## INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

ATTY. DOCKET NO.

2001U012.US

SERIAL NO.

10/023,255

APPLICANT

Murray, Rex E.

FILING DATE

December 18, 2001

GROUP

1755

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## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
JP	AA	6,096,676	08/01/2000	Murray	502	117	
	AB						

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		DOCUMENT NUMBER	PUBL. DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
JP	AC	EP 0 320 169 A2	14.06.89	Europe				
JP	AD	EP 0 349 886 B1	20.09.95	Europe				
JP	AE	EP 0 509 233 A2	21.10.92	Europe				
JP	AF	EP 0 761 694 B1	12.03.97	Europe				
JP	AG	EP 0 803 520 A1	29.10.97	Europe				
JP	AH	DE 42 02 889 A1	05.08.93	Germany				
JP	AI	WO 92/12162	23.07.92	PCT				
JP	AJ	WO 96/23010	01.08.96	PCT				
	AK	<del>WO 96/23101</del>	<del>01.08.96</del>	<del>PCT</del> <i>Wrong citation</i>				
JP	AL	WO 96/33202	24.10.96	PCT				
JP	AM	WO 97/02298 ✓	23.01.97	PCT				

## OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages of Publication, Etc.)

JP	AN	Gibson et al., "Synthesis and structural characterisation of aluminum imino-amide and pyridyl-amide complexes: bulky monoanionic N,N chelate ligands via methyl group transfer" <i>Journal of Organometallic Chemistry</i> 550, (1998) 453-456.
JP	AO	Fuhrmann et al., "Octahedral Group 4 Metal Complexes That Contain Amine, Amido, and Aminopyridinato Ligands: Synthesis, Structure, and Application in $\alpha$ -Olefin Oligo- and Polymerization" <i>Inorg. Chem</i> 1996, 35, 6742-6745 (Feb.).
JP	AP	George J.P. Briotovsek et al., "Novel Olefin Polymerization Catalysts Based on Iron and Cobalt" <i>Chem. Commun.</i> , 1998 849-850 (May).

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P. J. S. 12/26

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	BA						
	BB						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBL. DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
JP	BC	WO 97/45434 ✓	04.12.97	PCT				
	BD							

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JP	BE	Deelman et al., "Lithium Derivatives of Novel Monoanionic Di-N,N'-chelating Pyridyl- and Quinolyl-1-azaallyl Ligands" Organometallics 1997, 16, 1247-1252 (Aug.).						
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JP	BK	Corazza et al., "cis-and trans-Dichloro-derivatives of Six- and Seven-co ordinate Zirconium and Hafnium bonded to Quadridentate Schiff-base Ligands. Crystal Structures of [Zr(acen)Cl <sub>2</sub> (thf)], [M(salphen)Cl <sub>2</sub> (thf)] 0.5thf, [M(acen)Cl <sub>2</sub> , (M = Zr or Hf), and [Zr(msal)Cl <sub>2</sub> ] acen = N,N'-ethylenebis(acetylacetonimine), salphen = N,N'-o-phenylenebis(salicylideneimine), msal = N-methylsalicylideneimine, and thf = tetrahydrofuran] J. Chem. Soc. Dalton Trans. (1990) 1335-1344 (Aug.)						

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	CE	Cozzi et al., "Oxazoline Early Transition Metal Complexes: Functionalizable Achiral Titanium(IV), Titanium(III), Zirconium(IV), Vanadium(III), and Chiral Zirconium(IV) Bis(oxazoline) complexes" Inorg. Chem (1995), 34, 2921-2930, (Dec.).
	CF	Korine et al., "Bis(Trimethylsilyl)benzamidinate zirconium dichlorides. Active catalysts for ethylene polymerization" Journal of Organometallic Chemistry 503 (1995) 307-314 (Mar.).
	CG	Gomez et al., "Mono-η-cyclopentadienyl-benzamidinate chloro compounds of titanium, zirconium and hafnium" Journal of Organometallic Chemistry 491 (1995) 153-158 (Aug.).
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	CI	Dias et al., "N-Methyl-2(methylamino)troponimate Complexes of Tin(II), Gallium(III), and Indium(III). Syntheses of [(Me) <sub>2</sub> ATI] <sub>2</sub> Gal and [(Me) <sub>2</sub> ATI] <sub>2</sub> InCl Using the Tin(III) Reagent [(Me) <sub>2</sub> ATI] <sub>2</sub> Sn" Inorg. Chem. 1996, 35, 6546-6551 (Jun.).
	CJ	Cotton et al., "Structural Studies of formamidine compounds: from neutral to anionic and cationic species" Polyhedron vol. 16 No. 3 pp. 541-550, 1997 (Apr.).
	CK	Gornitzka et al., "Coordination of the Bis(pyridyl)methyl Substituent to Group 1 and 13 Metals" Organometallics 1994, 13, 4398-4405 (May).
	CL	Roesky et al., "Benzamidinatokomplexe mit Haupt- und Nebengruppen-Elementen - Strukturen von PhC(NSiMe <sub>3</sub> ) <sub>2</sub> TiCl <sub>2</sub> and PhC(NSiMe <sub>3</sub> ) <sub>2</sub> MoO <sub>2</sub> " Chem. Ber 121, 1403-1406 (1988) (Feb.).

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							YES	NO
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DI	DI	Uhrhammer et al., "Cationic d Metal Alkyls Incorporating Tetraaza-Macrocyclic Ancillary Ligands. Synthesis and Reactivity of $(Me_8taa)M(R)^+$ and $(Me_4taen)M(R)^+$ ( $M = Zr, Hf$ ) Complexes" J. Am. Chem. Soc. 1993, 115, 8493-8494 (Apr.).
DJ	DJ	Giannini, et al., "Tetraaza[14]annulenezirconium (iv) Complexes with Butadiene Ligands and their Relationship with Bis(cyclopentadienyl)zirconium(IV) Complexes." Angew. Chem. Int. Ed. Engl. 1994, 33 No. 21 (May).
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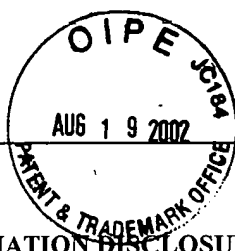
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Pestunyk

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## U.S. PATENT DOCUMENTS

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	EA						
	EB						

## FOREIGN PATENT DOCUMENTS

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							YES	NO
	EC							
	ED							

## OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages of Publication, Etc.)

JP	EE	Tsukahara, et al., "Neutral and Cationic Zirconium Benzyl Complexes Containing Bidentate Pyridine-Alkoxide Ligands. Synthesis and Olefin Polymerization Chemistry of $(pyCR_2O)_2Zr(CH_2Ph)_2$ and $(pyCR_2O)_2Zr(CH_2Ph)^+$ Complexes" Organometallics 1997, 16, 3303-3313 (Mar.)						
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JP	EH	Lappert et al., "Recent studies on metal and metalloid bis(trimethylsilyl) methyls and the transformation of the bis(trimethylsilyl)methyl into the azaallyl and $\beta$ -diketonato ligands" Journal of Organometallic Chemistry 500, (1995) 203-217, (Sep.).						
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	EJ							
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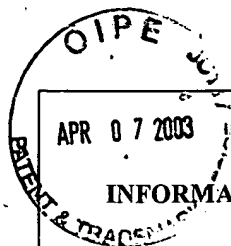
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	APPLICANT <b>Rex E. Murray</b>	
	FILING DATE <b>December 18, 2001</b>	GROUP <b>1755</b>

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FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	PUBL. DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES NO
	AC	2000128922 Patent Abstract	<del>10/06/2000</del> May 8 2000	Japan			X
	AD						
	AE						
	AF						
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OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages of Publication, Etc.)		
	AI	Fritsky, Igor O. et al., "Template synthesis of square-planar nickel(II) and copper (III) complexes based on hydrazide ligands" J. Chem. Soc., Dalton Trans., Vol. 19, 3269-3274 (1998)
	AJ	Van Den Beuken, Esther K. et al., "Oligomerisation of ethene by new palladium iminophosphine catalysts" Chem. Commun., No. 223, (1998)
	AK	Myachina, L. I. et al., "Coordination Compounds of Nickel(II) with N-(3-Hydroximino-2-Methylbutyl-2) methylamine" Russian Journal of Coordination Chemistry Vol. 26, No. 8, 568-575, (2000)
	AL	Daugulis, Olafs et al., "Polymerization of Ethylene with Cationic Palladium and Nickel Catalysts Containing Bulky Nonenolizable Imine-Phosphine Ligands" Organometallics 21, 5926-5934, (2002)
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EXAMINER  <i>Pastorczyk</i>	DATE CONSIDERED  <i>9/29/03</i>
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